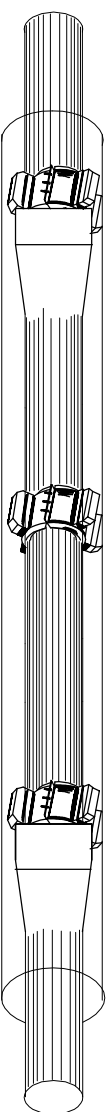
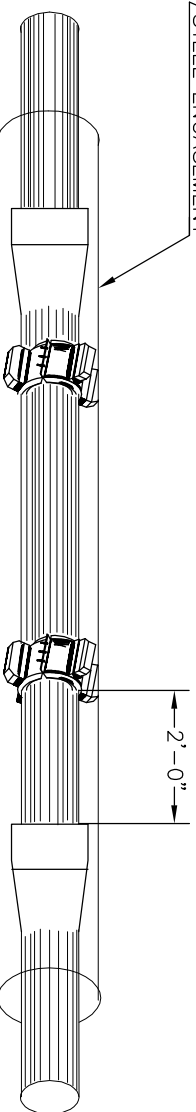


STAINLESS STEEL  
CASING SPACER  
2 PER JOINT OF  
CARRIER PIPE  
( TYPICAL )  
MFG. BY CASCADE  
WATERWORKS, MFG.  
CO. OR APPROVED  
EQUAL.

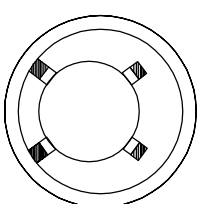


NOTE: STANDARD POSITIONING TO BE USED UNLESS OTHERWISE NOTED.  
REVISIONS

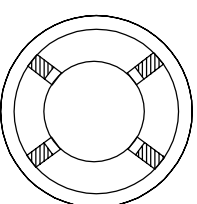
REVISIONS	DATE	DESCRIPTION

NOTE: FOR WATER LINES SEE DETAIL 6.08.

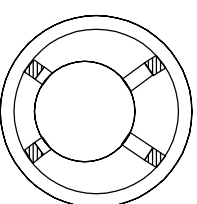
# POSITIONING



STANDARD: CARRIER LAYS ON CASING  
BOTTOM. TOP RUNNERS MAINTAIN  
SPACING IN THE EVENT OF ROLLOVER



CENTERED: POSITIONS IN CENTER OF  
CASING. STABLE WITH MOST ANNULAR  
SPACE AVAILABLE FOR OTHER USES.



RESTRAINED: KEEPS CARRIER FROM  
FLOATING OR BUCKING UNDER SUDDEN  
PRESSURE SURGES



CITY OF ASHEVILLE, N.C.  
ENGINEERING DEPARTMENT

CARRIER PIPE IN STEEL ENCASEMENT

STD. No.

5.06